

L1 315 balloon NEAR20 ((wrap or wrapping or wrapped)and (protrusion or pattern)) US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB

L2 717 balloon NEAR20 ((wrap or wrapping or wrapped)and (heat or heated or heating)) US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB

L3 156 1 and 2 US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB

L4 2 ep-1132059-\$.did. US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB

L5 1 (10/466030).APP. USPAT; USOCR

L6 1 (10/137934).APP. USPAT; USOCR

L7 1 (09/957216).APP. USPAT; USOCR

L8 1 (09/907235).APP. USPAT; USOCR

L9 4063 johnson-c\$.in. US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB

L10 4 9 and (balloon NEAR10 Pattern NEAR10 features) US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB

L11 1 2002-643518.NRAN. DERWENT

L12 20 ("4444186" | "4681092" | "4901707" | "4930341" | "5015230" | "5015231" | "5041125" | "5053007" | "5087246" | "5147302" | "5209799" | "5226880" | "5342570" | "5350361" | "5352236" | "5783227" | "5836952" | "5911452" | "6283743").PN. OR ("6623689").URPN. US-PGPUB; USPAT; USOCR

L13 22 ("20020007207" | "4733665" | "5549635" | "5690644" | "5836965" | "5860966" | "5920975" | "5976181" | "5980530" | "6074381" | "6082990" | "6106530" | "6110180" | "6120522" | "6264683" | "6280412" | "6296655" | "6352547" | "6481262" | "6510722").PN. OR ("6863683").URPN. US-PGPUB; USPAT; USOCR

L14 0 ep-0834293-\$.did. US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB

L15 2 ep-834293-\$.did. US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB

L16 119339 ((wrap or wrapping or wrapped)and (protrusion or pattern)) US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB

L17 191987 ((wrap or wrapping or wrapped)and (heat or heated or heating)) US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB

L18 60562 16 and 17 US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB

L19 201869 "264"/\$.ccls. US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB

L20 2792 18 and 19 US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB

L21 2696 ((264/572) or (264/103)).CCLS. US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB

L22 731 (264/572).CCLS. US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB

L23 5 20 and 22 US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB

L24 731 21 and 22 US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB

L25 527 20 and (protrusion) US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB

L26 0 (11/025319).APP. USPAT; USOCR

L27 22 ("2989778" | "3249666" | "3558754" | "3585707" | "3961873" | "4135869" | "4219522" | "4321226" | "4764324").PN. OR ("5792401").URPN. US-PGPUB; USPAT; USOCR

L28 49 ("3419010" | "3428046" | "3618613" | "3783454" | "4705511" | "4764324" | "4832681" | "4917666" | "4927413" | "4950232" | "4955859" | "4955862").PN. OR ("5244619").URPN. US-PGPUB; USPAT; USOCR

L29 91 ("3284259" | "3558754" | "4135869" | "4155790" | "4219522").PN. OR ("4764324").URPN. US-PGPUB; USPAT; USOCR

L30 154 27 or 28 or 29 US-PGPUB; USPAT; USOCR

L31 36 17 and 30 US-PGPUB; USPAT; USOCR

L34 81 burnham-w\$.in. US-PGPUB; USPAT; USOCR

L35 74 mason-suz\$.xa,xp. US-PGPUB; USPAT; USOCR

L36 452 mcdowell-suz\$.xa,xp. US-PGPUB; USPAT; USOCR

L37 526 35 or 36 US-PGPUB; USPAT; USOCR

L38 0 34 and 37 US-PGPUB; USPAT; USOCR

L39 10 (wrap or wrapping or wrapped)and 34 US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB

10/753,061 March 2009

Examiner's Search Notes

WO 02066095 A2 A2, A3 DERWENT Production of stent delivery system for medical treatment, involves providing balloon catheter with flexible shaft, hub fixed to shaft proximal and inflatable balloon JOHNSON E G

US 6623689 B2 USPAT Balloon wrap device and method Traxler; Richard J. et al.

US 6289568 B1 USPAT Method for making a balloon catheter stent deployment system Miller; Jay F. et al.

US 6110192 A USPAT Catheter balloon having raised radial segments Ravenscroft; Adrian et al.

US 6063092 A USPAT Heat set and crimping process to optimize stent retention Shin; Mark Young

US 5972143 A USPAT Angiographic catheter with unitary body and tip sections and method for making same from a continuous feedstock Stevens; Robert C.

US 5792401 A USPAT Method for making a tubular product Burnham; Warren R.

US 5496292 A USPAT Catheter with irregular inner and/or outer surfaces to reduce travelling friction
Burnham; Warren

US 5308356 A USPAT Passive perfusion angioplasty catheter Blackshear, Jr.; Perry L. et al.

US 5244619 A USPAT Method of making catheter with irregular inner and/or outer surfaces to reduce travelling friction
Burnham; Warren R.

US 20070005003 A1 US-PGPUB Reinforced multi-lumen catheter Patterson; Ryan C. et al.

EP 834293 A1 EPO Balloon catheter for placing a stent ALMELEH, RAPHAEL et al.

EP 1132059 A1 DERWENT Balloon catheter stent deployment system for angioplasty treating of e.g. coronary blood vessels, has balloon which form balloon shoulders set at both ends of stent, at deflated state
JOHNSON E G et al.